

BOMASHKO, Ya.D.

Conference on the coordination of research on photosynthesis in  
the Ukraine. Ukr.bot.zhur. 16 no.4:111-112 '59.  
(MIRA 12:11)

(Ukraine--Photosynthesis--Congresses)

ROMASHKO, Ya.D. [Romashko, IA.D.]

Vegetative growth and reproductive processes of the apple  
tree under different conditions of soil nutrition. Ukr.bot.  
zhur. 16 no.1:20-31 '59. (MIRA 12:5)

1. Institut botaniki AN USSR, otdel fiziologii rasteniy.  
(Apple--Fertilizers and manures)

MIKULINSKAYA, R.M.; FYADINA, D.D.; DROMASHKO, A.I.; SHULICHENKO, A.I.;  
ROMASHKO, Yu.V.; ZLATOPOL'SKAYA, R.D.; BERGOL'TSEVA, L.A.; VEREZUB,  
L.G.; CHAYKINA, T.N.; YEMEL'YANOVA, O.I.; GINZBURG, L.Ya.; GOLODYUK,  
L.F.; RUMYANTSEVA, I.V.; VYCHEGZHANIN, A.G.; GOL'DENBERG, R.A.

Data on the study of the epidemiological effectiveness of vaccination  
against influenza in Kharkov in October 1957. Vop.virus. 4 no.4:407-  
411 Jl-Ag '59. (MIRA 12:12)

1. Khar'kovskiy institut vaktsin i syvorotok imeni I.I. Mechnikova.  
(INFLUENZA, prevention & control)

GRES'-EDEL'MAN, B.Ye.; ROMASHKO, Yu.V.; PEDENKO, A.I.; KALUZHSKAYA, B.A.  
ZUNDER, F.M.; KRAKOVSKAYA, B.S.; GOL'DENBERG, R.A.

Study of the causes of decreased immunity to diphtheria in  
vaccinated subjects. Vop. okh. mat. i det. 6 no. 2:18-21  
(MIRA 14:2)  
F '61.

1. Iz Khar'kovskogo nauchno-issledovatel'skogo instituta vaktsin  
i syvorotok imeni I.I. Mechnikova (dir. - doktor biologicheskikh  
nauk G.P. Cherkas).  
(DIPHTHERIA) (IMMUNITY)

USSR / Microbiology. Microbes Pathogenic to Man and Animals. Bacteria. Bacteria of the Intestinal Group. F-5

Abstr Jour: Ref Zhur-Biol., No 16, 1958, 72182.

Author : Romashko, Yu. V.; Shulichonko, A. I.; Ischenko-Linnik, K. M.

Inst : Kharkov Scientific-Research Institute of Vaccine and Sera.

Title : Enteral Vaccination as a Method of Development of Chronic Dysentery.

Orig Pub: Tr. Khar'kovsk. n.-i. in-ta vaktsin i syveretok, 1957, 24, 241-249.

Abstract: No abstract.

Card 1/1

KETSMETS, Dmitriy Ivanovich; ROMAS'KO, S.D., otvetstvennyy red.; SINYAVSKAYA,  
Ye.K., red.izdatel'stva; ANDREYEV, S.P., tekhn.red.

[Crystallography and mineralogy] Kristallografiia i mineralogia.  
Khar'kov, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi  
metallurgii, 1957. 152 p. (MIRA 11:1)  
(Crystallography) (Mineralogy)

40374

S/170/62/005/009/002/010  
B108/B104

26.2223

AUTHORS: Yermakov, V. S., Kondrashov, N. G., Ferel'man, T. L.,  
Komashko, Ye. A., Byvkin, V. B.

TITLE: Temperature field in a cylindrical reactor fuel element  
cooled by a turbulent flow of liquid

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, v. 5, no. 9, 1962, 38-43

TEXT: The temperature field of a cylindrical rod heated from inside and  
cooled at the outside was studied theoretically in order to gain insight  
into the processes of heat transfer within a reactor core. For  
simplicity the heat transfer between rod and coolant is assumed to be  
convective, the coolant flow to be turbulent (heating of the entire liquid  
flow), and the heat conductivity as well as all parameters of the problem  
to be constants. The problem of stationary heat transfer is then

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Temperature field in a cylindrical...

$$\lambda \left[ \frac{1}{r} \frac{\partial}{\partial r} \left( r \frac{\partial t}{\partial r} \right) + \frac{\partial^2 t}{\partial z^2} \right] = -Q(r, z), \quad (1)$$

$$\gamma c S v \frac{\partial \theta}{\partial z} = P_1 a_1 (t|_{r=R} - \theta) + P_2 a_2 (t_o - \theta), \quad (2).$$

$$0 \leq z \leq L; 0 \leq r \leq R.$$

$t(r, z)$  - temperature in the fuel element,  $\theta(z)$  - temperature in the liquid,  $t_o$  - temperature of channel wall,  $\gamma$  and  $c$  - density and specific heat of coolant,  $P_1$  and  $P_2$  - perimeters of fuel element and channel.  $\theta(r, z)$  can be found from the neutron diffusion equation. The boundary conditions are

$$\lambda \frac{\partial t}{\partial r} \Big|_{r=R} = a_1 \left( t|_{r=R} - \theta \right),$$

$\theta|_{z=0} = 0, t|_{z=0} = 0, \frac{\partial t}{\partial z}|_{z=L} = 0$ . The approximate solution of this

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Temperature field in a cylindrical ...

problem has the form

$$\tilde{t}(r,z) = \sum_{k=0}^n (r/R)^{2k} a_k(z).$$

$Q$  and  $\nabla^2 t$  are approximated by a polynomial of  $(n-1)$ -st degree. This leads to a system of  $n$  equations for the  $(n+1)$  functions  $\{a_k(z)\}$ . As  $t(r,z)$ , in general does not satisfy the boundary conditions it is necessary to minimize the unknowns when these conditions are satisfied. The error of this method is made up only of the errors in the heat conduction equation and in the boundary conditions. The problem was solved numerically for various actual parameters. There are 1 figure and 1 table.

ASSOCIATION: Energeticheskiy institut AN BSSR, g. Minsk (Power Engineering Institute AS BSSR, Minsk)

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Temperature field in a cylindrical ...

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SUBMITTED: February 28, 1962

Card 4/4

YERMAKOV, V.S.; KONDRASHOV, N.G.; PEREL'MAN, T.L.; ROMASHKO, Ye.A.;  
RYBGIN, V.B.

Temperature field in a reactor cylindrical fuel element cooled by  
a turbulent fluid flow. Inzh.-fiz.zhur. 5 no.9:38-43 S '62.  
(MIRA 15:8)

1. Energeticheskiy institut AN BSSR, Minsk.  
(Nuclear reactors)

24.5200(1498)

27552  
S/170/61/004/010/006/019  
B109/B138

AUTHOR: Romashko, Ye. A.

TITLE: A transient problem of heat transfer and neutron transfer in a nonbreeding medium

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, v. 4, no. 10, 1961, 40 - 43

TEXT: The system of differential equations set up by V. S. Yermakov and A. V. Lykov (Ref. 1: IFZh No. 10, 1958) for the heat and neutron transfer of thermal moncenergetic neutrons in an infinite plate has been solved. According to Ref. 1, the set of equations reads as follows:

$$\frac{\partial n(x, \tau)}{\partial \tau} = D \frac{\partial^2 n(x, \tau)}{\partial x^2} + k_T \frac{\partial^2 l(x, \tau)}{\partial x^2} - \frac{n(x, \tau)}{l_0}, \quad (1)$$

$$\frac{\partial l(x, \tau)}{\partial \tau} = k \frac{\partial^2 l(x, \tau)}{\partial x^2}, \quad (2)$$

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A transient problem of heat transfer...

with the boundary conditions: a) for neutron density  $\partial n(R, \tau)/\partial x = q_n/D$ ,  
 $\partial n(0, \tau)/\partial x = 0$  (conditions of symmetry),  $n(x, 0) = \varphi(x)$ ; b) for temperature:  
 $\partial t(R, \tau)/\partial x = q_c/\lambda$ ,  $\partial t(0, \tau)/\partial x = 0$  (symmetry conditions),  $t(x, 0) = f(x)$ .

According to A. V. Lykov (Teoriya teploprovodnosti. GITTL, M., 1952), a Fourier transformation will yield the solution

$$\begin{aligned}
 t(x, \tau) - \frac{1}{R} \int_0^R f(x) dx &= \frac{q_c R}{\lambda} \left\{ F_0 - \frac{1}{6} \left( 1 - \frac{3x^2}{R^2} \right) + \right. \\
 &+ \sum_{m=1}^{\infty} \frac{(-1)^{m+2}}{m^2 \pi^2} \cos \frac{m\pi x}{R} \exp(-m^2 \pi^2 F_0) \Big\} + \\
 &+ \frac{2}{R} \sum_{m=1}^{\infty} \cos \frac{m\pi x}{R} \exp(-m^2 \pi^2 F_0) \int_0^R f(x) \cos \frac{m\pi x}{R} dx, \\
 n(x, \tau) &= \frac{I_0}{R} \left( q_n + \frac{k_T q_c}{\lambda} \right) + \left[ \frac{I_0}{R} \left( q_n - \frac{k_T q_c}{\lambda} \right) + \right.
 \end{aligned} \tag{9},$$

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$$\begin{aligned}
 & + \frac{1}{R} \int_0^R \varphi(x) dx \Big] \exp(-\tau/l_0) + \\
 & + \frac{2}{R} \sum_{m=1}^{\infty} \cos \frac{m\pi x}{R} \left\{ \frac{b_m}{a_m} \left[ 1 - \exp(-m^2\pi^2 Fo^*) \right] + \frac{c_m}{d_m} \left[ \exp\left(-m^2\pi^2 Fo^* - \right. \right. \right. \\
 & \quad \left. \left. \left. - \frac{\tau}{l_0}\right) - \exp(-m^2\pi^2 Fo) \right] + \exp\left(-m^2\pi^2 Fo^* - \right. \right. \\
 & \quad \left. \left. - \frac{\tau}{l_0}\right) \int_0^R \varphi(x) \cos \frac{m\pi x}{R} dx \right\}, \tag{10}
 \end{aligned}$$

where  $Fo = k\tau/R^2$ ,  $Fo^* = D\tau/R^2$ ,

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A transient problem of heat transfer...

$$a_m = \frac{m^2 \pi^2 D}{R^2} + \frac{1}{l_0}; \quad b_m = (-1)^m q_n; \quad d_m = \frac{m^2 \pi^2 (D - k)}{R^2} + \frac{1}{l_0};$$
$$(A) \quad c_m = \frac{m^2 \pi^2 k_T}{R^2} \int_0^R f(x) \cos \frac{m \pi x}{R} dx + \frac{(-1)^{m+1} k_T q_c}{\lambda}.$$

For the particular case  $t(x,0) = t_0 = \text{const.}$ ,  $n(x,0) = n_0 = \text{const.}$  the following expression is valid:

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$$\begin{aligned}
 n(x, \tau) = & \frac{l_0}{R} \left( q_n + \frac{k_T q_c}{\lambda} \right) + \left[ \frac{l_0}{R} \left( q_n - \frac{k_T q_c}{\lambda} \right) + n_0 \right] \exp(-\tau/l_0) + \\
 & + \sum_{m=1}^{\infty} \frac{(-1)^m 2 q_n R}{m^2 \pi^2 D + \frac{R^2}{l_0}} \cos \frac{m \pi x}{R} [1 - \exp(-m^2 \pi^2 \text{Fo}^*)] + \\
 & + \sum_{m=1}^{\infty} \frac{(-1)^{m+1} 2 k_T q_c R}{\left[ m^2 \pi^2 (D - k) + \frac{R^2}{l_0} \right] \lambda} \cos \frac{m \pi x}{R} \left[ \exp \left( -m^2 \pi^2 \text{Fo}^* - \frac{\tau}{l_0} \right) - \right. \\
 & \quad \left. - \exp(-m^2 \pi^2 \text{Fo}) \right]. \tag{11}
 \end{aligned}$$

and for a non-absorbing medium ( $l_0 \rightarrow \infty$ )

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A transient problem of heat transfer...

$$\begin{aligned}
 n(x, \tau) - n_0 = & \frac{q_n R}{D} \left[ F_0^* - \frac{1}{6} \left( 1 - \frac{3x^2}{R^2} \right) + \sum_{m=1}^{\infty} \frac{(-1)^{m+1} 2}{m^2 \pi^2} \cos \frac{m\pi x}{R} \times \right. \\
 & \left. \times \exp(-m^2 \pi^2 F_0^*) \right] + \frac{k_T q_c R}{(D-k)} \left\{ (F_0^* - F_0) + \right. \\
 & \left. + \sum_{m=1}^{\infty} \frac{(-1)^{m+1} 2}{m^2 \pi^2} \cos \frac{m\pi x}{R} \left[ \exp(-m^2 \pi^2 F_0^*) - \exp(-m^2 \pi^2 F_0) \right] \right\}. \quad (12)
 \end{aligned}$$

Analysis of the result is as follows: The neutron density distribution is composed of: 1) exponential decrease with time ( $\exp(-\tau/1_0)$ ); 2) density distribution due to diffusion without taking into account the effect of the temperature field (1st sum); 3) neutron diffusion under the influence of the temperature field (2nd sum with factor  $k_T$ ). For large  $F_0$  and  $F_0^*$  the series will converge very well, and for  $F_0 > 1/\pi$  and  $F_0^* > 1/\pi$  the first term of the series will be sufficient. For  $\tau \gg 1_0$  the neutron density is quasistationary and terms containing ( $\exp(-\tau/1_0)$ ) can be neglected. For Card 6/7

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A transient problem of heat transfer... B109/B138

small  $Fo$  and  $Fo^*$  the solutions are not suited to practical calculations.  
For this case, the author suggests that the initial equations (1) and (2)  
should be solved with the help of a Laplace transformation. There are  
4 Soviet references.

ASSOCIATION: Institut energetiki AN BSSR, g. Minsk (Institute of Power  
Engineering, AS Belorusskaya SSR, Minsk)

SUBMITTED: May 27, 1961

Card 7/7

ROMASHKO, Yo.A.

Nonstationary problems of heat and neutron transfer in a  
nonmultiplying medium. Izv.-fiz. zhur. 4 no.10:4C-43 O '61.  
(MIRA 14:10)

1. Institut energetiki AN BSSR, Minsk.  
(Heat--Transmission)  
(Neutrons)

KHAR'KOV, V. V.: "A study of the effectiveness of simplified methods of vaccination and revaccination against scarletina." Khar'kov  
Medical Inst. Khar'kov, 1956. (Dissertations for the Degree of  
Candidate in Medical Sciences).

SC: K. Khar'kova Inst. No. 2, 1956

GRES', B.Ye...; ZIATOPOL'SKAYA, R.D.; ROMASHKO, Yu.V.

Effectiveness of gamma-globulin prepared from blood obtained during  
artificial abortion. Vop. okh. mat. i det. 3 no.1:69-72 Ja-F '59.  
(MIRA 12:2)

1. Iz Khar'kovskogo nauchno-issledovatel'skogo instituta vaktsin i  
syvorotok imeni Mekhnikova (dir. - kand.biol. nauk. G.P. Cherkas).  
(GAMMA GLOBULIN)

ZLATOPOL'SKAYA, R.D.; STAROBINETS, G.M.; SHULICHENKO, A.I.; ROMASHKO,  
Yu.V.; KRAZOVITSKAYA, A.M.

Experience in cupping foci of epidemic hepatitis in children's  
preschool establishments. Vop.virus. 7 no.6:724-725 N-D '62.  
(MIRA 16:4)

1. Khar'kovskiy nauchno-issledovatel'skiy institut vaktsin i  
syvorotok imeni Mekhnikova; Ukrainskiy institut usovershenstvo-  
vaniya vrachey i Khar'kovskaya gorodskaya sanitarno-epidemiologi-  
cheskaya stantsiya.

(HEPATITIS, INFECTIOUS) (GAMMA GLOBULIN)

Roma H.Ko, Yu.V.

S07/19/2001-3-47/47

17 (0)

**AUTHOR:** Giamelitarb, Ya.M.  
**TITLE:** The Ukrainian Scientific and Practical Conference on  
 the Biology, Laboratory Diagnosis, Epidemiology and Prophylaxis  
 of Epidemic Hepatitis (Bottin's Disease).

**PERIODICAL:** Zhurnal zhelezobiologii i epidemiologii i tsuznologii. 1953,  
 Nr 9, pp 155-157 (USSR).

**ABSTRACT:**

The Republican Conference on Epidemic Hepatitis was held in Odessa from 2 - 10 October 1953 and was attended by 150 personnel, mainly professors, epidemiologists from sanitary-epidemiological stations, representatives of all the Ukrainian Institutes of Epidemiology and Microbiology and also of the Medical Institutes of virology and turbatology and also from the Institutes of Buteus. In addition, delegations attended from the Institutes of Virology and Infectious Diseases of the A.M.N. USSR, the Leningrad Institute of Experimental Virology and Toxicology, Institute of Experimental Medicine (Leningrad), the Leningradsky Samaraevsky Medico-Medical Institute, the Sanitary Hygiene Institute, St. Petersburgsky Medico-Medical Institute, St. Petersburgsky Sanitary Institute, Leningrad, and also the Marcos, St. Petersburgsky Institute, Arkhangelsk and Tomsksky Institutes of Epidemiology and Microbiology and Institutes of Vaccines and Sera, mainly divided among 3 sections. Papers were presented on the cultivation of the causative agent of endemic hepatitis in developing chick embryos (N.I. Erlyayev), in human embryonic hepatic tissue (M.A. Korostikov, Oshereko), in human embryonic hepatic tissue (M.M. Sabin-Leninger) and in explanted human embryonic hepatic tissue (M.M. Sabin-Leninger), and also L.G. Grinberg and spoke on milks and I.A. Karavayev, Tashkent, with characteristic observations for the so-called TITRATION reaction with characteristic observations for the specific diagnosis of Bottin's disease. Verifications of the reaction were made by M.L. Slobodchikova and Yu.G. Poltava of the Institut Infektionnykh bolezней (Institute of Infectious Diseases) of the A.M.N. USSR, by I.P. Sverchenko (Kiev), I.M. Kostylev (Leningrad), M.D. Aleynik (Gor'kiy), I.M. Slepukhin (Akhmed), according to the Odessa method of Enzyme and Microbiology, this reaction can be used for determining virus antigen in feces (Ye.V. Lychevskaya) and detection of antibodies in the complex antihuman liver in patients (K.M. Serebrenikova). N.V. Suturina and G.A. Smirnov (Voronezh) spoke on the diagnostic value of determining the diastase activity. Kostyuk (Leningrad) spoke on the diagnostic value of determining the proconveratin. Professor N.I. Lebedeva (Leningrad), M.I. Fabrikova (Moscow) and T.S. Dzhelilova (Tbilisi) analyzed the epidemiological features of Bottin's disease. V.P. Shchekatova (Odessa) and D.M. Panina (Kiev) spoke on the results of infection with Bottin's disease. N.I. Kharlamova, Ye.P. Prentseva, I.M. Stankovich (Kiev) and L.P. Zvezdochkin (Private Institute) spoke on the chances of air-borne transmission of the disease. Gor'kiy Member of the A.M.N. USSR, professor K.L. Dobrokin and R. Sokolovskaya, (Kiev) demonstrated some biological importance of abortive and jaundiceless forms of Bottin's disease. I.U. Bannikova (Izhevsk) and M.B. Al'perin (doctor) summarized their acquaintance with results of gamma-globulin treatment of persons who had been in contact with endemic hepatitis patients. The Conference agreed on the need for a map showing the epidemiological investigation of such patients in the USSR and for a graph on the etiology and epidemiology of Bottin's disease.

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Card 3/4

GRES', B.Ye.; ZLATOPOL'SKAYA, R.D.; ROMASHKO, Yu.V.; ROZINA, TS.S.

Isolation periods for convalescents from scarlet fever. Vop.  
okh. mat. i det. 5 no. 2:78-81 Mr-Ap '60. (MIRA 13:10)

1. Iz Khar'kovskogo nauchno-issledovatel'skogo instituta vaktsin  
i syvorotok imeni I.I. Mechnikova (direktor - kand.biolog.nauk  
G.P. Cherkas).

(SCARLET FEVER)

ROMASHOV, A. N. Cand Phys-Math Sci -- (diss) "On the problem of the effect  
of explosions in hard media." Mos, 1959. 7 pp (Acad Sci USSR. Inst of  
Chem Phys), 150 copies (KL, 48-59, 113)

COUNTRY	:	USSR
CATEGORY	:	Forestry. Forest Biology and Typology.
APS. JOUR.	:	RZhBiol., No. 3 1959, No. 10752
AUTHOR	:	Romashov, N. V.
INST.	:	-
TITLE	:	The Regularities of Fruit Bearing in Oak.
ORIG. PUB.	:	Botan. zh., 1957, 42, No. 1, 41-56.
ABSTRACT	:	Investigations were conducted during 1951-1953 in a dry maple and linden grove changing to moist in the stands of Khar'kov Oblast'. The annual cycle of the fruiting process is divided into 7 periods: 1) formation of male inflorescences in the buds (the middle of July to the beginning of September); 2) female sexualization of the bud tissues and formation of the buds of female inflorescences (by November-December); 3) breaking of the buds, blossoming and pollination; 4) development of pistils to the formation of seed buds capable of fructification (about 2 months from the time blossoming to fructification); 5) fructification of the seed buds of the pistillate flowers;

CARD: 1/4

COUNTRY :  
CATEGORY :

ARS. JOUR. : RZhBiol., No. 1959, No. 10752

AUTHOR :  
NAME :  
TITLE :

CR/C. PUB. :

ABSTRACT : 6) growth and formation young acorns; 7) ripening and natural drop of the acorns (from the second 10 days of September to the beginning of November). Characteristics of all biological processes for each period are cited. Decrease in the intensity of fruit bearing occurs as the result of the influence of a number of factors unfavorable for each period. Cold weather and rains in the second half of the summer do not favor the start and development of male inflorescences. Rains and lowered temperature in

CARD: 2/4

-10-

COUNTRY	:
CATEGORY	:
ABC. JOUR.	: RZBiol., No. 1959, No. 10/52
AUTHOR	:
INST.	:
TITLE	:
ORIG. PUR.	:
ABSTRACT	: <p>Half of April and in May decrease the chances of a complete pollination of the flowers, there being sometimes observed in the same period the destruction of the foliage and flowers by leaf eating insects, by early frosts and by hail. Drought and dry wind at the end of May-June, have an unfavorable effect on the development of seed buds and cause the drop of the pistillate flowers before the period of fructification. The propagation of the acorn weevil and fruit moth results in the injury to 90-95% of the crop. The absence of acorn crop in any one year does not indicate an interruption the process of fruiting inas-</p>

CARD: 3/4

VOLOVICH, N.I.; ZLATOPOL'SKAYA, R.D.; ROMASHKO, Yu.V.

Effectiveness of intranasal revaccination against diphtheria.  
Pediatriia 39 no.3:85 My-Je '56. (MIRA 9:9)

1. Iz Khar'kovskogo nauchno-issledovatel'skogo instituta vaktsin i  
syvorotok (dir. G.P.Cherkas)  
(DIPHTHERIA--PREVENTIVE INOCULATION)

AVIROM, S.M., kand. tekhn.nauk, nauchn. sotr.; GLOTSER, L.I., kand. tekhn.nauk, nauchn. sotr.; CORELIK, S.A., kand. tekhn. nauk, nauchn. sotr.; LEYTES, L.G., kand. tekhn. nauk, nauchn. sotr.; PLATONOVA, Ye.I., nauchn. sotr.; FILATOVA, M.V., kand. tekhn. nauk, nauchn. sotr.; Prinyali uchastiye: ZOTOV, V.A., nauchn. sotr.; FILATOVA, M.V., nauchn. sotr.; NIKITIN, G.N., nauchn. sotr.; ROMASHOV, A.I.; GOLDNER, F.Ye., red.

[Recovery and use of secondary wool in consumers' goods] Poluchenie i primenie vtorichnoi shersti v izdeliakh narodnogo potrebleniia. [By] S.M. Avirom i dr. Moskva, Izd-vo "Legkaia industriia," 1964. 260 p. (MIRA 17:5)

1. Nachal'nik pryadil'nogo tsekha Pushkinskoy fabriki No.13  
(for Romashov).

GORYUNOV, B.F., kandidat tekhnicheskikh nauk; GUDANETS, N.A., kandidat tekhnicheskikh nauk; ZLATOVERKHOVNIKOV, L.F., kandidat tekhnicheskikh nauk; KAGAN, Ya.Kh., kandidat tekhnicheskikh nauk; KRIVOV, A.K., inzhener; KUROCHKIN, S.N., inzhener; LYAKHNTSKIY, V.Ye., doktor tekhnicheskikh nauk, professor; NOVIKOV, A.F., kandidat tekhnicheskikh nauk; ROMASHOV, D.G., inzhener; SHTENTSEL', V.K., kandidat tekhnicheskikh nauk; KUZ'MIN, T.P., redaktor; ZAYTSEV, N.N., redaktor; NELDOVA, E.S., redaktor izdatel'stva; TIKHONOVA, Ye.A., tekhnicheskiy redaktor

[Port hydrotechnical installations; construction and design] Portovye gidrotehnicheskie sooruzheniya; konstruirovaniye i raschet. Moskva, Izd-vo "Morskoi transport," 1956. 537 p. (MLRA 9:11)  
(Harbors)

ROMASHKOV, E.

Turistskoe puteshestvie na lodi (Tourist travel by boat). Moskva, Profizdat, 1953. 157 p.

SO: Monthly List of Russian Accessions, Vol. 7, No. 5, August 1954

ROMASHKOV, B.

[Touring by boat] Turistskoe puteshestvie na lodke. Moskva, Prof-  
izdat, 1953. 156 p.  
(Tourism) (Boats and boating)

(MLRA 7:8)

ROMASHKOV, E. G.

USSR/ Electricity      Hydroelectric Plants

Card        : 1/1

Authors     : Romashkov, E. G., Engineer

Title        : ~~Romashkov, E. G., Engineer~~  
              : The energy of the Angara river

Periodical : Nauka i Zhizn'. 5, 7 - 9, May 1954

Abstract    : Construction of the Angara River (river through which waters from  
              Baykal Lake flow to the Karsk Sea) hydroelectric plant, is described.  
              Illustrations of the construction work are included.

Institute    : ....

Submitted    : ....

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R001445320003-9

BELLAVIN, G.V., laureat Stalinskoy premii; ROMASHKOV, E.G.

Artificial hatching of sturgeons. Nauka i zhizn' 20 no.7:27-28 J1 '53.  
(MIRA 6:7)  
(Sturgeons)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R001445320003-9"

BURAKOVSKIY, V.I.; MURAV'YEV, M.V.; ROMASHOV, F.N.; YEVTEYEV, Yu.V.

Tetralogy of Fallot; clinical aspects, diagnosis, surgical treatment. Grudn. khir. 5 no.3:3-8 My-Je'63 (MIRA 17:1)

1. Iz otdeleniya vrozhdennykh porokov serdtsa (zav. - doktor med. nauk V.I.Burakovskiy) Instituta serdechno-sosudistoy khirurgii ( dir. - prof. S.A. Kolesnikov, nauchnyy rukovoditel' akademik A.N. Bakulev) AMN SSSR. Adres avtorov: Moskva V-49, Leninskiy prosp., d.8. Institut serdechno-sosudistoy khirurgii AMN SSSR.

BURAKOVSKIY, V.I.; MURAV'YEV, M.V.; ROMASHOV, F.N.

Lutembacher's syndrome. Vest. khir. no.7:37-40 Jl '64. (MIRA 18:4)

1. Iz instituta serdechno-sosudistoy khirurgii (dir. - prof. S.A. Kolesnikov, nauchnyy rukovoditel' - akademik A.N.Bakulev) AMN SSR.  
Adres avtorov: Moskva, V-49, Leninskiy prospekt 8, Institut serdechno-sosudistoy khirurgii AMN SSSR.

MURAV'YEV, M.V. (Moskva, Lopukhinskiy pereulok, d.6, kv.1); ROMASHOV, F.N.;  
YEVTEYEV, Yu.V.

Diagnosis of atresia of the tricuspid valve and its surgical  
treatment. Grudn. khir. 4 no.5:39-44 S-0'62 (MIRA 17:3)

1. Iz Instituta grudnoy khirurgii (dir. - prof. S.A. Kolesnikov,  
nauchnyy rukovoditel' - akademik A.N. Bakulev) AMN SSSR.

MURAV'YEV, M.V.; ROMASHOV, F.N.; SYUY LE-TYAN' [Rsi le-t'ien]; KIVTEYEV, Yu.V.

Surgical treatment of a patent ductus arteriosus complicated by pulmonary hypertension. Khirurgia no.1:12-18 '63. (MIR: 17:5)

1. Iz Instituta serdechno-sodudistoy khirurgii (dir. - prof. S.A. Kolesnikov, nauchnyy rukovoditel' - akademik A.N. Bakilev) AHN SSSR.

ROMASHOV, F.N.; KLAMMER, M.Ye.

Surgical treatment of cardiac and vascular defects under deep hypothermia; review of literature. Grudn. khir. 5 no.4: 106-108 Jl-Ag'63  
(MIRA 17:1)

1. Iz Instituta serdechno-sosudistoy khirurgii (dir. - prof. S.A. Kolesnikov, nauchnyy rukovoditel' - akademik A.N. Bakulev)  
AMN SSSR.

ROMASHOV, G.

Rational placement of workers having several specialities. Biul.  
nauch. inform.: trud i zar. plata 3 no. 11:36-38 '60.

(MIRA 14:1)

(Tula Province—Construction industry)

ROMASHKOV, S.G.

Antislippage protection system of the N8 electric locomotive.  
Elek. i tepl. tiaga no.6:33-36 Je '62. (MIRA 15:7)

1. Proyektno-konstruktorskoye byuro Glavnogo upravleniya  
lokomotivnogo khozyaystva Ministerstva putey soobshcheniya.  
(Electric locomotives)

TIKHONOV, Nikolay Gur'yevich; SHVETS, Yury Prokof'yevich; ROMASHKOV,  
S.G., inzh., retsenzent; KALININ, V.K., kand. tekhn. nauk,  
red.; VOROTNIKOVA, L.F., tekhn. red.

[Electric relay of main line electric locomotives] Rele' ma-  
gistral'nykh elektrovozov. Moskva, Transsheldorizdat, 1963.  
(MIRA 16:7)

78 p.

(Electric locomotives) (Electric relays)

*Romanovskiy*

ZAKHARCHENKO, D.D., dotsent, kandidat tekhnicheskikh nauk; ISAYEV, I.P., dotsent, kandidat tekhnicheskikh nauk; KALININ, V.K., inzhener; KREST'YANOV, M.Ye., dotsent, kandidat tekhnicheskikh nauk; LAKSHTOVSKIY, I.A., dotsent, kandidat tekhnicheskikh nauk; MARKVARDT, K.G., professor, doktor tekhnicheskikh nauk; MEDVEL', V.B., professor, doktor tekhnicheskikh nauk; MIRONOV, K.A., inzhener; MIKHAYLOV, N.M., dotsent, kandidat tekhnicheskikh nauk; NAKHODKIN, M.D., dotsent, kandidat tekhnicheskikh nauk; OZEMBLOVSKIY, Ch.S., inzhener; OSIPOV, S.I., inzhener; ROMASHKOV, S.C., inzhener; SOKOLOV, L.S., inzhener; FAMINSKIY, G.V., kandidat tekhnicheskikh nauk; SHATSILLO, A.A., inzhener; SHLYAKHTO, P.N., dotsent, kandidat tekhnicheskikh nauk; BOVIE, Ye.G., kandidat tekhnicheskikh nauk, retsenzent; PVRTSOVSKIY, L.M., inzhener, retsenzent; ALEKSEYEV, A.Ye., professor, doktor tekhnicheskikh nauk, retsenzent; BATALOV, N.M., inzhener, retsenzent; VINBERG, B.N., inzhener, retsenzent; GRACHEVA, L.O., kandidat tekhnicheskikh nauk, retsenzent; YEVDOKIMOV, A.M., inzhener, retsenzent; KALININ, S.S., inzhener, retsenzent; TRAKHTMAN, L.M., kandidat tekhnicheskikh nauk, retsenzent; PYLENKOV, A.P., inzhener, retsenzent; GOKHSHTEIN, B.Ye., kandidat tekhnicheskikh nauk, retsenzent; IL'IN, I.P., inzhener, retsenzent; NAKHODKIN, M.D., dotsent, kandidat tekhnicheskikh nauk, retsenzent; TISHCHENKO, A.I., otvetstvennyy redaktor; BENESENICH, I.I., kandidat tekhnicheskikh nauk, redaktor; ZOROKHOVICH, A.Ye., dotsent kandidat tekhnicheskikh nauk, redaktor; LUTSENKO, Ye.G., inzhener, redaktor; ROGOZHIN, A.P., inzhener, redaktor; SIDOROV, N.I., inzhener, redaktor; VERINA, G.P., tekhnicheskiy redaktor

(Continued on next card)

ZAKHARCHENKO, D.D.--(continued) Card 2.

[Technical manual for railroad workers] Tekhnicheskii spravochnik zheleznodorozhnika. Red. kollegiia R.G. Granovskii i dr. Moskva, Gos. transp. zhel-dor. izd-vo. Vol. 9.[Electric railroad rolling stock] Elektropodvizhnoi sostav zheleznykh dorog. Otv. red. toma A.I. Tishchenko. 1957. 652 p. (MLRA 10:4)

1. Chlen-korrespondent Akademii nauk SSSR. (for Alekseyev)  
(Electric railroads--Rolling stock)

ROMASHOV, V.A.

Helminths of red deer in the Voronezh Preserve. Trudy Astr. zap.  
no.9:197-200 '64. (MIRA 18:10)

ROMASHKOV, Ye. G.

Romashkov, Ye. G. - "The Siberian rivers will flow into the Aral Sea," (On the problem of joining the Ob and Yenisey Rivers with the Aral and Caspian Sea), Znaniye-sila, 1949, No. 2, p. 13-16

SO: U-4355, 14 August 53, (Letopis 'Zhurnal 'nykh Statey, No. 15, 1949)

ROMASHKOV, E.

Bol'shia Volga. [The Greater Volga]. (Znanie-sila, 1950, no. 11, p. 6-9).

DLC: T4.Z5

SO: SOVIET TRANSPORTATION AND COMMUNICATION, A BIBLIOGRAPHY, Library of Congress,  
Reference Department, Washington, 1952, Unclassified.

BELLAVIN, G.V., laureat Stalinskoy premii; ROMASHKOV, Ye.G.

Report on salmon. Znan.sila no.5:6-9 My '54. (MLRA 7:6)  
(Salmon)

ROMASHKOV, Ye.G., inzhener.

Energy of the Angara. Nauka i zhizn' 21 no.5:7-9 My '54. (MLRA 7:6)  
(Angara Hydroelectric Power Station)

AVAKYAN, Artur Borisovich; ROMASHKOV, Yevgeniy Grigor'yevich; MYAKUSHKOV,  
V.A., red.; BELICHENKO, R.K., mladshiy red.; MAL'CHEVSKIY, G.N.,  
red. kart; VILENSKAYA, E.N., tekhn. red.

[Projects for the near and distant future] Proekty blizkogo i da-  
leko-go budushchego. Moskva, Gos.izd-vo geogr. lit-ry, 1961. 110 p.  
(MIRA 15:1)

(Hydraulic engineering)

AVAKYAN, Artur Borisovich; ROMASHKOV, Yevgeniy Grigor'yevich;  
ABRAMOV, L.S., red.; POLOZHENTSEVA, T.S., mlad. red.

[Planetary surgery] Planetnaia khirurgiia. Moskva, Mysl',  
1965. 222 p. (MIRA 18:4)

AVAKYAN, Artur Borisovich; ROMASHKOV, Yevgeny Grigor'yevich; ABRAMOV,  
L.S., red.; BELICHENKO, R.K., mладшиy red.; MAL'CHEVSKIY,  
G.N., red.kart; ARDANOVA, N.P., tekhn. red.

[Tides in the service of man] Prilivy na sluzhbu cheloveku.  
Moskva, Gos.izd-vo geogr. lit-ry, 1963. 85 p. (MIRA 16:8)  
(Tidal power)

ROMASHKOVA, NINA

Olympic games

In the name of the fatherland. Mol, kolkh. 19, No. 9, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December 1952, Uncl.

ANTIPOVA, Angelina Vasil'yevna; POPOV, K.M., doktor ekon. nauk,  
prof., otv. red.; ROMASHOVA, V.D., red.; MARTYNOVA, V.A.,  
mlad. red.

[Canada; nature and natural resources] Kanada; priroda i  
estestvennye resursy. Moskva, Mysl', 1965. 318 p.  
(MIRA 18:7)

18(5)

PHASE I BOOK EXPLOITATION

SOV/2327

Romashkovtsev, Grigoriy Savvich

Kontroler OTK martenovskogo tsekha (Inspector in the Open-hearth  
Shop) Moscow, Metallurgizdat, 1959. 214 p. Errata slip inserted.  
3,800 copies printed.

Ed.: Ye. V. Tret'yakov; Ed. of Publishing House: Ya.D. Rozentsveyg;  
Tech. Ed.: L. V. Dobushinskaya.

PURPOSE: This text book is intended for engineering students and may  
also be useful to technical inspectors in steelmaking and machine-  
building plants.

COVERAGE: This book deals with the role of the Otdel tekhnicheskogo  
kontrolya (Department of Technical Inspection) in the inspection  
of materials used in open-hearth processes as they are received,  
technical inspection of raw materials for charging, and inspection  
of furnaces and pouring bays. No personalities are mentioned.  
There are no references.

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Inspector in the Open-hearth Shop

SOV/2327

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7. Knowledge of the flowsheet for a heat and documentation  
of production accounting at the pouring bay

206

AVAILABLE: Library of Congress (TN 740 .R6)

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GO/bg  
10-12-59

ROMASHKOV TSEV, Grigoriy Savvich; TRET'YAKOV, Ye.V., red.; ROZENTSVEYG,  
Ya.D., red.izd-va; DOBUZHINSKAYA, L.V., tekhn.red.

[Inspector of the technical control division of an open-hearth  
process] Kontroler OTK martenovskogo tsekhha. Moskva, Gos.  
nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii.  
1959. 214 p. (MIRA 12:4)

(Open-hearth process)

1. DOMBROVSKIY, M.I.; ROMASHOV, A.F.

2. USSR (600)

4. Electric Welding

7. Selecting processes of electric rivet welding, Engs. M.I. Dombrovskiy, A.F. Romashov, Avtorg.delo 24 no. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

MIKOYAN, A.; IGNATOV, N.; KOROVUSHKIN, A.; GARBUZOV, V.; KABKOV, Ya.;  
KUDRYAVTSEV, A.; BORYCHEV, I; VOROB'YEV, V.; SVESHNIKOV, M.;  
USHAKOV, V.; MIROSHNICHENKO, B.; ZENCHENKO, N.; BABUSHKIN, V.;  
NIKITKIN, N.; PODSHIVALENKO, P.; ZOTOV, M.; VOSKRESENSKIY, A.;  
KAZANTSEV, A.; KORDYUKOV, A.; NOSKO, P.; PLESHAKOV, S.; VERSOV, A.;  
ROMASHOV, A.

I.N. Kazakov; obituary. Den. i kred. 19 no.3:95 Mr '61.

(MIRA 14:3)

(Kazakov, Ivan Nikolaevich, 1907-1961)

10(2)

SOV/2o-123-4-13/53

AUTHORS:

Romashov, A. N., Rodionov, V. N., Sukhotin, A. P.

TITLE:

Explosion in an Unbounded Medium of Increasing Density (Vzryv v  
uplotzayushchey sny neogranichennoy srede)

PERIODICAL:

Doklady Akademii nauk SSSR, 1958, Vol 123, Nr 4, pp 627-630  
(USSR)

ABSTRACT:

The present paper deals with the most important results obtained by the experimental and theoretical investigation of an explosion in a compressing nonelastic medium. First, a short report is given about the experimental method employed. Explosive charges of 1.0; 6.0 and 24.0 g were caused to explode in sandy soil having a density of 1.5 g/cm<sup>3</sup> and a moisture content of 6%. In the course of the experiments, the influence exercised by the free surface upon the development of the wave front and the time-dependent development of the displacement of spherical layers round the explosion center were determined. For this purpose, foils of 0.1 mm thickness were fastened to the ground; as a result of the explosion they were displaced together with the medium. The electric signals were recorded by means of a cathode oscillograph OK-24(IKhF).

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SOV/20-123-4-13/53

**Explosion in an Unbounded Medium of Increasing Density**

The following experimental results were obtained: A diagram shows a typical dependence  $r(t)$ , which was determined in connection with an explosion of a 24 g charge, viz. for a layer located at a distance of 10 cm from the center of the charge. Similar curves were plotted also for the other distances. These curves then give the field of displacement round the charge at different instants of time. By differentiation of the curves  $r(t)$  for the time dependence of the displacements the velocity field for the displacement of particles of the medium and also the variation of this velocity field with respect to time are then found. The following expressions hold:

$$D = 40 \sqrt[3]{q/R}; u = 3.4(\sqrt[3]{q/R})^{1.8}; v = u(R/r)^{1.5}.$$

Here,  $R, r$  [m] denote the coordinates of the front and the current coordinate;  $q$  [kg] - the weight of the charge;  $D$  [m/sec] - the velocity of the wave front;  $u, v$  [m/sec] - the velocities of the displacements of particles of the medium on and behind the front respectively at a distance  $r$  from the center of the charge. From the data thus obtained, the kinetic energy (for various instants of time) are then determined. Their value varies only little and amounts to  $\sim 2-3\%$  of the

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SOV/20-123-4-13/53

**Explosion in an Unbounded Medium of Increasing Density**

total energy E. The irreversible energy consumption due to heating of the soil during its deformation amounts to 70-80% of E. With increasing propagation of the wave front, compression behind the front diminishes. The authors then raise the problem of an explosion in an infinite nonelastic deformable medium; the equations of motion for a centrally symmetric motion are given. The plasticity condition has the form  $\sigma_{rr} - \sigma_{\varphi\varphi} = m(\sigma_{rr} + 2\sigma_{\varphi\varphi})$ . The boundary conditions of the problem and an ansatz for its solution are written down. The course of calculation is outlined and the expression found for the pressure P is written down. If certain coefficients found in this connection are known, all other parameters for the motion performed by the soil can be calculated, and, above all, an expression is given for the velocity field of displacement. Velocities depend only to a small extent on the properties of the inelastically deformable medium. The regularities derived in this paper probably apply to a large group of soils. There are 2 figures, 1 table, and 1 Soviet reference.

Card 3/4

SOV/20-123-4-13/53

Explosion in an Unbounded Medium of Increasing Density

ASSOCIATION: Institut khimicheskoy fiziki Akademii nauk SSSR  
(Institute of Chemical Physics of the Academy of Sciences,  
USSR)

PRESENTED: June 28, 1958, by N. N. Semenov, Academician

SUBMITTED: June 28, 1958

Card 4/4

RODIONOV, V.N.; ROMASHOV, A.N.; SHAMIN, V.M.

Arranging the underground storage of explosives. Shakht.stroi.  
no.9:12-15 S '59. (MIRA 12:12)

1. Institut khimicheskoy fiziki AN SSSR.  
(Mining engineering) (Explosives--Storage)

VELIKOVSKAYA, E.M.; VEYMAR, A.B.; VERGUNOV, G.P.; APRODOV, V.A.; LYUSTIKH,  
Ye.N.; LIPOVETSKIY, I.A.; ROMASHOV, A.N.; FEL'DMAN, V.I.; SAVOCHKINA,  
Ye.N.; GENDNER, V.Ye.; ROHENSON, B.M.; DOBROKHOTOVA, Ye.S.;  
LYUBIMOVA, L.V.; KHMARA, A.Ya.; VESELOVSKAYA, M.M.; KUDRIN, L.N.;  
CHERNIKOV, O.A.; SOROKIN, V.S.; IL'IN, A.N.; FLOROVSKAYA, V.N.;  
ZEZIN, R.B.; TEPLITSKAYA, T.A.; BRUSILOVSKIY, S.A.; KISSIN, I.G.;  
CHIZHOVA, N.I.; PAVIOVA, O.P.; SHUTOV, Yu.I.

Supplements. Biul. MOIP. Otd. geol. 39 no.4:155 Jl-Ag '64.  
(MIRA 17:10)

I. 23570-65

EWT(1) GW

AM4033963

## BOOK EXPLOITATION

S/

5+

Dokuchayev, Mikhail Moiseyevich; Rodionov, Vladimir Nikolayevich; Romashov, Aleksandr Nikolayevich

Ejection explosion (Vzryv na vybros) Moscow, Izd-vo AN SSSR, 1963. 104 p. illus.,  
biblio. Errata slip inserted. 1200 copies printed. (At head of title:  
Akademiya nauk SSSR. Institut fiziki Zemli)

TOPIC TAGS: explosive, explosive throwout, explosive theory

PURPOSE AND COVERAGE: This monograph is intended for blasting engineers and technicians and for scientific personnel engaged in research on explosives and explosion effects. An attempt is made to summarize the results of experimental explosions carried out in the USSR during the period 1957--59. The material is presented in two parts. Part I deals with general laws governing explosions in the ground based on small experimental blasts in sand. In Part II, results of throwout explosions using charges from 100kg to 1000 tons are evaluated.

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O

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SUB CODE: WA, ES

SUBMITTED: 27Nov63

NO REF Sov: 023

OTHER: 001

Card 4/4

BEKERMAN, F.A., inzh.; KANTOR, M.M., prof.; SERPIK, N.M., kand.tekhn.nauk;  
ROMASHOV, B.A., inzh.

Studying a new brand of steel for the T-140 tractor track. Trakt.  
(MIRA 18:10)  
i sel'khozmash. no.9:43 S '65.

1. Bezhitskiy stalelitaynyy zavod (for Bekerman).
2. Bryanskij institut transportnogo mashinostroyeniya (for Kantor, Serpik).
3. Bryanskij avtomobil'nyy zavod (for Romashov).

(N)

L 10817-66 EWT(m)/EWA(d)/EWP(t)/EWP(z)/EWP(b) IJP(c) MJW/JD

ACC NR: AP6000041

SOURCE CODE: UR/0343/65/000/009/0043/0043

AUTHOR: Bekerman, F. A. (Engineer); Kantor, M. M. (Professor); Serpik, N. M. (Candidate of technical sciences); Romashov, B. A. (Engineer)

ORG: [Bekerman] Bezhitsk Steel Mill (Bezhitskiy staleliteynyay zavod); [Kantor, Serpik] Bryansk Institute of Transport Machinery Building (Bryanskiy institut transportnogo mashinostroyeniya); [Romashov] Bryansk Automobile Plant (Bryanskiy avtomobil'nyy zavod)

TITLE: Investigation of a new brand of steel for tracks of T-140 tractors

SOURCE: Traktory i sel'khozmashiny, no. 9, 1965, 43

TOPIC TAGS: steel, tracked vehicle, high alloy steel, vehicle component, CHEMICAL COMPOSITION, CARBON STEEL, SOLID MECHANICAL PROPERTY / T-140 TRACKED VEHICLE, 18KhGST STEEL, 20KhG2ST STEEL

ABSTRACT: The Bezhitsk Steel Mill (Bezhitskiy staleliteynyay zavod), Braynsk Institute of Transport Machinery Building (Bryanskiy institut transportnogo mashinostroyeniya), and Bryansk Automobile Plant (Bryanskiy avtozavod) have conducted a study aiming to replace the high-alloy and expensive KDLVT steel for tracks of T-140 tractors with either 20KhG2ST or 18KhGST steel. The chemical compositions of the two steels investigated are given in Table 1 (in %). The 20KhG2ST steel was chosen over the 18KhGST steel because a high carbon content leads to a reduction in the impact strength of the steel, and test melts with a high magnesium content showed cracks when the castings were hammered out of their molds. It is noted that

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UDC: 669.14.018:629.11.01.012.57

L 10817-66

ACC NR: AP6000041

15

Brand of steel	C	Mn	Si	Ti	Cr	P	S
20KhG2ST	0,17-0,24	1,3-1,6	0,5-0,8	0,06-0,1	0,6-0,9	<0,045	<0,045
18KhGST	0,15-0,22	1,0-1,3	0,5-0,8	0,06-0,1	0,6-0,9	<0,045	<0,045

Table 1. Chemical composition of 20KhG2ST and 18KhGST steels

the cost per ton of the experimental steel is 40 rubles below that of KDLVT steel, and that the mechanical treatment of the former is considerably easier than that of the latter. T. G. Perevezentsev, R. S. Zhigalenkova, L. S. Dubova, and L. D. Smirnova, of TsZL of Bezhitsk Steel Mill, took part in determining the mechanical properties of the steel. Orig. art. has: 2 figures and 3 tables.

SUB CODE: 11, 13 / SUBM DATE: none

Card

2/2

11.55

11.55

44.55

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R001445320003-9

ROMASHOV, D. D.

"On the Working Methods of I. V. Michurin" (p. 177) by Romashov, D. D.

SC: Journal of General Biology, (Zhurnal Obscheчnoy Biologii), 1940, Vol. I, No. 2

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R001445320003-9"

ROMASHOV, D. D.

"Aberration mutability in the population fur animals." (pp. 286-313) by D. D. Romashov and  
E. D. Ilyin

SC: Journal of General Biology (Zhurnal Obshchei Biologii) Vol. 4, No. 5, 1943

ROMASHOV, D.D.

Mbr., Central Botanical Gardens, Dept. Biol. Sci., Acad. Sci., -1946-.  
"Analysis of Fox Populations after Hardy's Formula," Dok. AN, 37, Nos.5-6, 1942;

GOLOVINSKAYA, K.A.; ROMASHOV, D.D.

Effect of ionizing radiation on the development and reproduction  
of fishes. Vop. ikht. no.11:16-38 '58. (MIRA 12:1)

1. Laboratoriya radiatsionnoy genetiki Instituta biofiziki AN SSSR  
i Vserossiyskiy nauchno-issledovatel'skiy intitut prudnogo rybnogo  
khozyaystva.  
(Radiation-Physiological effect)  
(Fishes)

ROMASHOV, D.D.; BELYAYEVA, V.N.

Food specialization in different species of Rhynchaenini (Coleoptera,  
Curculionidae) [with summary in English]. Zool. zhur. 37 no.2:210-214  
(MIRA 11:3)  
F '58.

1. Zoologicheskiy muzei Moskovskogo gosudarstvennogo universiteta.  
(Moscow Province—Weevils) (Trees—Diseases and pests)

ROMASHOV, D.D.; GOLOVINSKAYA, K.A.

Radiation biology and genetics of fishes. Itogi nauki: Biol. nauki  
no. 3:324-343 '60.  
(RADIATION--PHYSIOLOGICAL EFFECT) (FISHES)  
(MIRA 13:10)

ROMASHOV, D.D.; GOLOVINSKAYA, K.A.

Radiocontamination of fishes. Trudy sov. Ikht. kom. no.10:26 '60.  
(MIRA 13:10)

1. Institut biofiziki Akademii nauk SSSR(for Romashov). 2. Vserossiyskiy  
nauchno-issledovatel'skiy institut prudovogo rybnogo khozyaystva  
(VNIPRKh) (for Golovinskaya).  
(Radioactivity—Physiological effect) (Fishes)

ROMASHOV, D.D.; GOLOVINSKAYA, K.A.; BELYAYEVA, V.N.; BAKULINA, E.D.  
POKRÖVSKAYA, G.L.; CHERFAS, N.B.

Radiation-induced diploid gynogenesis in fishes. Biofizika 5  
no. 4:461-467 '60. (MIRA 13:12)

1. Institut biologicheskoy fiziki AN SSSR, Moskva i Institut  
prudovogo rybnogo khozyaystva RSFSR, Moskva.  
(EMBRYOLOGY—FISHES) (X RAYS—PHYSIOLOGICAL EFFECT)  
(FERTILIZATION (BIOLOGY))

SHALAPENOK, Ye.S.; ROMASHOV, D.D.

Weevils of the genus Apion (Coleoptera, Curculionidae) inhabiting  
the crowns of trees and shrubs in Moscow Province. Zool. zhur. 39  
no.9:1350-1361 S '60. (MIRA 13:9)

1. Belorussian State University, Minsk and Zoological Museum of  
Moscow State University.  
(Moscow Province--Weevils) (Forest insects)

L2694  
S/747/62/000/000/015/025  
D296/D307

271220

AUTHORS: Romashov, D. D., Belyayeva, V. N., Golovinskaya, K. A.  
and Prokof'yeva-Bel'govskaya, A. A.

TITLE: Radiation injuries in fish

SOURCE: Radiatsionnaya genetika; sbornik rabot. Otd. biol. nauk  
AN SSSR. Moscow, Izd-vo AN SSSR, 1962, 247-266

TEXT: The problem is of economic interest in connection with radioactive contamination of natural waters. In young carp stages of radiation sickness similar to those known in mammals can be observed. As a whole, however, fish can tolerate much higher doses of radiation and the minimum lethal dose may be >2000 r. Doses of 300 and particularly of 600 or 1,000 r delay the development of the sex glands without impairing the viability of young fish. Up to doses of 2,000 - 6,000 r, the degree of injury is proportional to the dose, but at much higher doses the nucleus of the spermatozoon becomes inactive and the injuries are less marked ("Hertwig effect"). Very high doses (100,000 r and more) lead to the develop-  


Card 1/3

Radiation injuries in fish

S/747/62/000/000/015/025  
D296/D307

ment of numerous degenerated haploid individuals possessing only the maternal set of chromosomes. In addition, however, a few normally growing individuals can be found; these are "diploid gynogenetic" individuals, i. e. owing to a further division they have two sets of chromosomes which are both of maternal origin. The authors devised a technique of increasing the proportion of these diploid gynogenetic individuals up to 15 - 60% of the spawn by a method consisting of exposure to "cold shock". Here the fertilized spawn is kept 3 hours at a temperature between 1 and 3°C, beginning precisely 10 minutes after fertilization. The damage caused in the chromosomes by radiation can be followed up through a number of cell divisions in the course of embryogenesis, to the larval stage or until the age of 25 days. In young fish embryos the dicentrical chromosomes and chromatids are unstable and serve as a source of intracellular fragments. The cycle of chromosome- and chromatid-bridges becomes relatively stable only in the later gastrula stage. There are 4 figures and 3 tables.

X

Card 2/3

Radiation injuries in fish

S/747/62/000/000/015/025  
D296/D307

ASSOCIATION: Institut biologicheskoy fiziki AN SSSR (Institute of Biological Physics, AS USSR) and Institut prudovogo rybnogo khozyaystva, RSFSR, Moskva (Institute of Freshwater Fisheries, RSFSR, Moscow)

X

Card 3/3

RIMASHOV, D.D. [deceased]; BELYAYEVA, V.N.

Cytology of the radiation gynogenesis and androgenesis in the  
pond loach (*Misgurnus fossilis* L.). Dokl. AN SSSR 157 no.4:  
964-967 Ag '64 (MIRA 17:8)

1. Institut biologicheskoy fiziki AN SSSR. Predstavлено  
академиком Ю.А. Орловым.

ROMASHOV, D.D. [deceased]; BELYAYEVA, V.N.

Increase in the production of diploid gynogenetic larvae of  
loach (*Misgurnus fossilis* L.) by temperature shock. Biul.  
MOIP.Otd.biol. 70 no.5:93-109 S-0 '65.

(MIRA 18:12)

ROMASHOV, D.D. [deceased]; BELYAYEVA, V.N.

Radioensitivity of loach (*Misgurnus fossilis* L.) egg cells.  
(MIRA 19:1)  
Genetika no.5:101-109 N '65.

1. Institut biologicheskoy fiziki AN SSSR, Moskva. Submitted  
July 26, 1965.

ROMASHOV, D.D. [deceased]; BELYAYEVA, V.N.

Analysis of the origin of diploidy under the effect of refrigeration in a radiation gynogenesis of a larch. Tsvitologiya 7 no.5: 601-607 S-0 '65. (MIRA 18:12)

1. Laboratoriya radiatsionnoy genetiki Instituta biologicheskoy fiziki AN SSSR i Laboratoriya genetiki i selektsii Instituta prudovogo rybnogo khozyaystva, Moskva. Submitted June 19, 1964.

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BAKULINA, Ye.S.; POKROVSKAYA, G.I.; ROMASHOV, D.D.

Radiosensitivity of the sperm of the pond leach (*Misgurnus fossilis* L.). Radiobiologia 2 no.3:92-100 Ja '62

(MIRA 18:1)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R001445320003-9"

ROMASHOV, D. P.

"Aberrant polymorphism in Drosophila Fasciati Meig." (Sun. -Melanogaster Meig.) Department of Genetics, Institute of Experimental Biology, Ministry of Health; and Chair of Genetics, All-Union Zootechnical Institute of Fur-Bearing Animals NK 3 (? Ministry of ??) (p. 311) by Dubin, N. P., Romashov, D. P., Gentner, M. A., Demidova, Z. A.

SO: Biological Journal (Biologicheskii Zhurnal) Vol. VI, 1937, No. 2

ROMASHOV, F.N.

Use of the combined method of treatment in the postoperative period.  
Sov. med. 22 no.12:54-56 D '58. (MIRA 12:1)

1. Iz kafedry obshchey khirurgii (zav. - prof. A.A. Busalov) lechebnogo  
fakul'teta II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova  
i khirurgicheskogo otdeleniya 4-y gorodskoy klinicheskoy bol'ницы Moskvy  
(glavnnyy vrach M.V. Ivanyukov).

(POSTOPERATIVE CARE

sleep in combined ther. (Rus))

(SLEEP, ther. use

postop. in combined ther. (Rus))

MURAV'YEV, M.V. (Moskva, Lopukhinskiy per., d.6, kv.1); ROMASHOV, F.N.;  
LI TIN'-MIN;

Method for shunting the superior vena cava in forming a  
cavapulmonary anastomosis. Grud. khir. 2 no.1:43-45 Ja-F  
!60. (MIRA 15:3)

1. Iz Instituta grudnoy khirurgii AMN SSSR (dir. - prof.  
S.A. Kolesnikov).

(VENA CAVA—SURGERY)  
(PULMONARY ARTERY—SURGERY)

MURAV'YEV, M.V.; ROMASHOV, F.N. (Moskva)

Congenital heart defects; diagnosis and surgical treatment.  
Fsl'd. i akush. 25 no.5:55-59 My '60. (MIRA 13:7)  
(HEART--ABNORMALITIES AND DEFORMITIES)

MURAV'YEV, M.V.; ROMASHOV, F.N.; CHUYEVA, L.F.; SYUY LE-TYAN' [Huü Lë-t'ien]

Treatment of 120 patients with patent ductus arteriosus. Grud.  
khir. 3 no.1:28-33 Ja-F '61. (MIRA 16:5)

1. Iz Instituta grudnoy khirurgii (dir. - prof.S.A.Kolesnikov,  
nauchnyy rukovoditel' - akademik A.N.Basmilev) AMN SSSR. Adres  
avtorov: Moskva, Leninskiy prospekt, 8. Institut grudnoy khirurgii  
AMN SSSR.

(DUCTUS ARTERIOSIS—LIGATION)

BURAKOVSKIY, V.I.; MURAV'YEV, M.V.; GEL'SHTEYN, G.G.; YEVTEYEV, Yu.V.;  
LAGUTINA, A.I.; ROMASHOV, F.N.; RYABOV, G.A.; ROSLAVLEVA, N.G.;  
TERENT'YEVA, L.M.; SHPUGA, O.G.

Operation on the "dry" heart during hypothermia in patients  
with congenital heart defects. Grud.khir. no.3:3-14 '61.

(MIRA 14:9)

1. Iz otdeleniya zabolevaniya serdtsa i sosudov u detey (zav. -  
kand.med.nauk V.I. Burakovskiy) Instituta grudnoy khirurgii  
(dir. - prof. S.A. Kolesnikov, nauchnyy rukovoditel' - akad.  
A.N. Bakulev) AMN SSSR. Adres avtorov: Moskva, Leningradskiy  
prosp., d.8. Institut grudnoy khirurgii AMN SSSR.

(HEART--ABNORMALITIES AND DEFORMITIES) (HYPOTHERMIA)  
(PERFUSION PUMP (HEART))

KOLESNIKOV, S.A.; BURAKOVSKIY, V.I.; KLAMMER, M.Ye.; ROMASHOV, F.N.;  
RYABOV, G.A.

Deep hypothermia in heart surgery. Grud.khir. 3 no.6:6-17  
(MIRA 15:3)  
N-D '61.

1. Iz Instituta serdechno-sosudistoy khirurgii (dir. - prof.  
S.A. Kolesnikov, nauchnyy rukovoditel' - akad. A.N. Bakulev)  
AMN SSSR. Adres S.A. Kolesnikova: Moskva, Leninskiy pr., d.8,  
Institut serdechno-sosudistoy khirurgii AMN SSSR.  
(HEART-SURGERY) (HYPOTHERMIA)

KOLESNIKOV, S. A.; BURAKOVSKIY, V. I.; MURAV'YEV, M. V.; ROMASHOV, F. N.; LYUDE, M. N.

Clinical aspects, diagnosis and surgical treatment of cor triloculare biventriculare. Grud. khir. no.2:16-20 '62. (MIRA 15:4)

1. Iz Instituta serdechno-sosudistoy khirurgii (dir. - prof. S. A. Kolesnikov, nauchnyy rukovoditel' - akad. A. N. Bakulev) AMN SSSR.

(HEART—ABNORMALITIES AND DEFORMITIES)